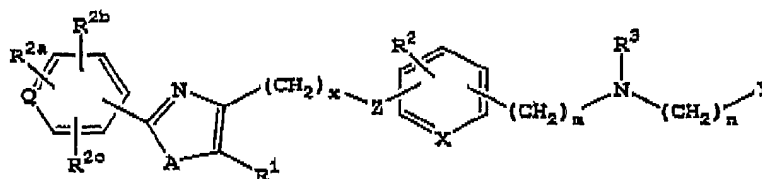


CLAIM AMENDMENTS

Claim 1 (currently amended)

--1. (Amended) A compound which has the structure



wherein x is 1, 2, 3 or 4; m is 1 or 2; n is 1 or 2;

Q is C or N :

A is 0 or 5:

Z is O or a bond:

R¹ is H or lower alkyl;

X is N:

R² is H, alkyl, alkoxy, halogen, amino or substituted amino;

R^{2a} , R^{2b} and R^{2c} are the same or different and are selected from H, or alkyl, ~~alkoxy,~~
~~halogen, amino or substituted amino;~~

[illegible]

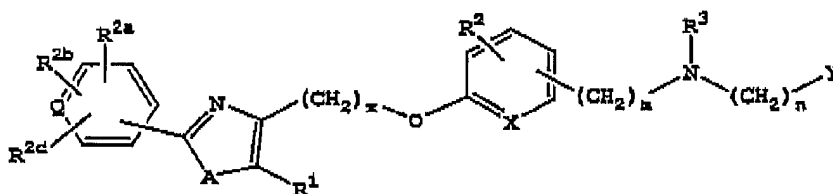
aryloxyalkyloxycarbonyl, arylalkylsulfonyl, arylthiocarbonyl, arylalkenylsulfonyl, heteroarylsulfonyl, arylsulfonyl, alkoxyarylalkyl, heteroarylalkoxy carbonyl, arylheteroarylalkyl, alkoxyaryloxy carbonyl, aryloxyheteroarylalkyl, heteroarylalkyloxyarylalkyl, arylarylalkyl, arylalkenylarylalkyl, arylalkoxyarylalkyl, arylesterarylalkyl, alkylaryloxyarylalkyl, arylalkoxy carbonyl heteroarylalkyl, heteroarylarylalkyl, arylester heteroarylalkyl, heteroaryloxyarylalkyl, arylalkenyl heteroarylalkyl, arylaminoarylalkyl, aminocarbonylarylalkyl or polyhaloalkylaryloxy carbonyl;

Y is CO_2R^4 where R^4 is H or alkyl, or a prodrug ester or Y is a C-linked 1-tetrazole, a phosphinic acid of the structure $\text{P}(\text{O})(\text{OR}^{4a})\text{R}^6$ where R^{4a} is H or a prodrug ester, R^6 is alkyl or aryl or a phosphonic acid of the structure $\text{P}(\text{O})(\text{OR}^{4a})_2$ where R^{4a} is H or a prodrug ester;

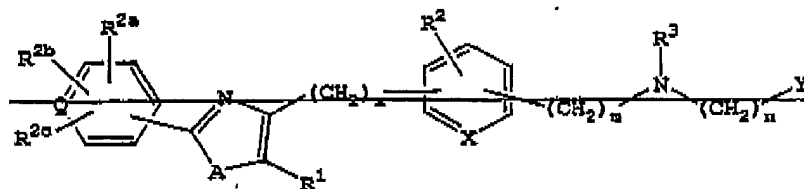
or stereoisomers thereof, a prodrug ester thereof, and or a pharmaceutically acceptable salts thereof. --

Claim 2 (currently amended)

The compound as defined in Claim 1 having the structure

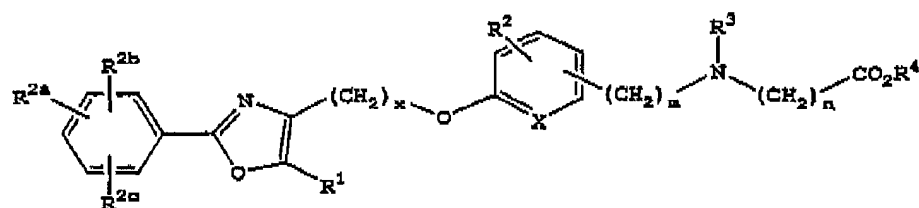


or



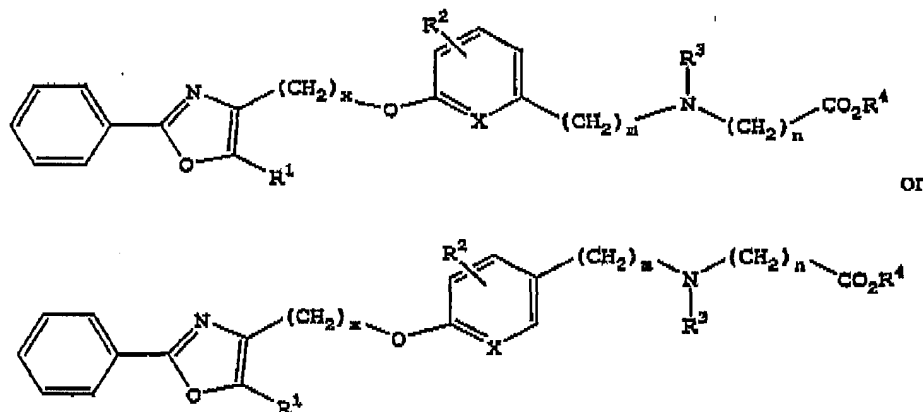
Claim 3 (original)

The compound as defined in Claim 1 having the structure



Claim 4 (original)

The compound as defined in Claim 1 having structure



Claim 5 (original)

The compound as defined in Claim 1 wherein $(CH_2)_x$ is alkylene, alkenylene, allenyl, or alkynylene.

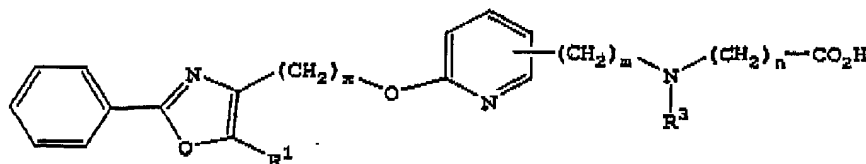
Claim 6 (cancelled)

Claim 7 (cancelled)

Claim 8 (cancelled)

Claim 9 (original)

9. The compound as defined in Claim 1 having the structure

**Claim 10 (currently amended)**

--10. (Amended) The compound as defined in Claim 1 wherein

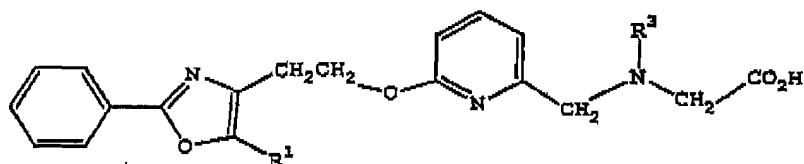
$(CH_2)_x$ is CH_2 , $(CH_2)_2$, $(CH_2)_3$, or $\begin{array}{c} CH_3 \\ | \\ -C- \\ | \\ CH_3 \end{array}$, $(CH_2)_m$ is CH_2 , or $\begin{array}{c} R_a \\ | \\ -CH- \end{array}$ where R_a is alkyl or alkenyl, $(CH_2)_n$ is CH_2 , R^1 is lower alkyl, R^2 is H, R^{2a} is H, R^4 is H, ~~X is CH_2~~ , and R^3 is ~~aryloxyalkyl, arylheteroaryloxyalkyl, aryloxyarylalkyl, arylalkyl, aryloxyalkyl, haloaryl-oxyalkyl, alkoxyaryloxyalkyl, alkylaryloxyalkyl, aryloxyaryloxyalkyl, heteroaryloxyalkyl, heteroaryloxyalkyl, aryloxyaryloxyalkyl, arylalkenylalkyl, cycloalkylaryloxyalkyl, arylalkylaryloxyalkyl, heteroaryl heteroaryloxyalkyl, cycloalkylaryloxyalkyl, heteroaryl heteroaryloxyalkyl, alkylaryloxyalkyl, arylalkylsulfonyl, arylalkenylsulfonyl, alkoxyarylalkyl, arylthioalkyl, cycloheteroalkylalkyl, cycloheteroalkyl, or polyhaloalkyl~~ which may be optionally substituted. --

Claim 11 (cancelled)**Claim 12 (cancelled)****Claim 13 (original)**

13. The compound as defined in Claim 1 wherein x is 2, m is 1, and n is 1.

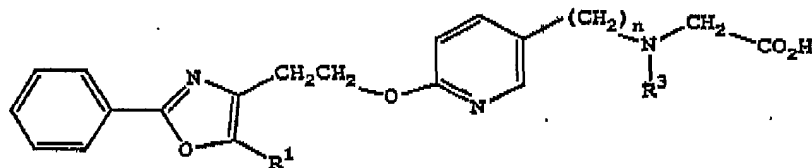
Claim 14 (previously amended)

--14. The compound as defined in Claim 1 having the structure



Claim 15 (previously amended)

--15. The compound as defined in Claim 1 having the structure

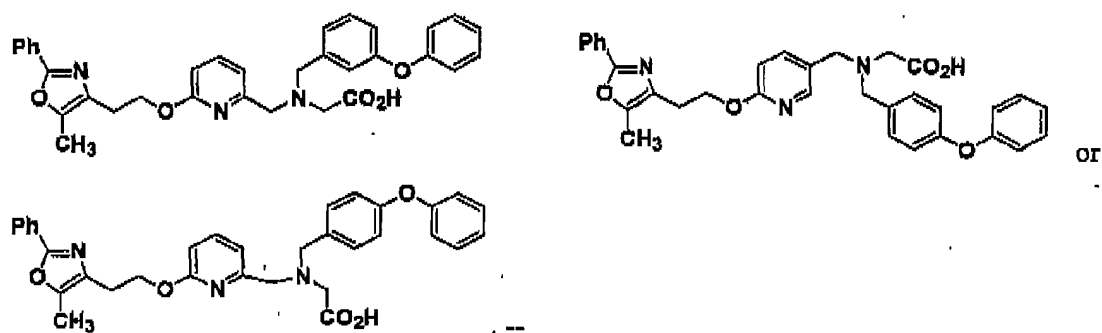


where $(CH_2)_n$ is CH_2 or $\begin{array}{c} CH_3 \\ | \\ -CH- \end{array}$, --

Claim 16 (cancelled)

Claim 17 (previously amended)

--17. (Twice Amended) The compound as defined in Claim 1 having the structure



Claims 18 to 32 (cancelled)

Claims 33 (original)

33. A pharmaceutical composition comprising a compound as defined in Claim 1 and a pharmaceutically acceptable carrier therefor.

Claim 34 (previously amended)

--34. A method for lowering blood glucose levels or for treating diabetes or for treating an early malignant disease, a malignant disease, or a dysplastic disease, which comprises administering to a patient in need of treatment a therapeutically effective amount of a compound as defined in Claim 1.--

Claim 35 (original)

35. A method for treating diabetes which comprises administering to a patient in need of treatment a therapeutically effective amount of a compound as defined in Claim 1.

Claim 36 (cancelled)

Claim 37 (cancelled)

Claim 38 (cancelled)

Claim 39 (cancelled)

Claim 40 (cancelled)

Claims 41 -- 49 (cancelled)

Claim 50 (cancelled)

Claim 51 to 54 (cancelled)